

# Converting Colors

Hex(6BBCCE)

Have a look what the booklet for  
Hex(6BBCCE) contains.

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# Color

**Hex(6BBCCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BBCCE
RGB	107, 188, 206
RGB Percent	42%, 74%, 81%
CMY	0.5804, 0.2627, 0.1922
CMYK	0.48, 0.09, 0.00, 0.19
HSL	191°, 50%, 61%
HSV	191°, 48%, 81%
XYZ	35.1872, 43.5485, 64.9437
YIQ	165.8330, -54.0540, -11.5740

# Conversions

## Conversions Part 2

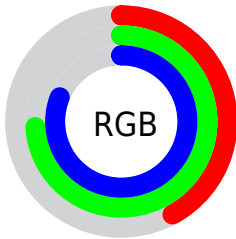
Format	Color
R <sub>YB</sub>	107, 152, 206
Decimal	7060686
CIE <sub>Lab</sub>	71.93, -19.97, -16.76
CIE <sub>LCh</sub>	72, 26.069, 220.002
Yxy	43.5485, 0.2449, 0.3031
Android (android.graphics.Color)	4285250766 (0xFF6BBCCE)
YUV	165.8330, 19.8023, -51.5965
Hunter-Lab	65.9913, -20.3067, -12.1549

# Details

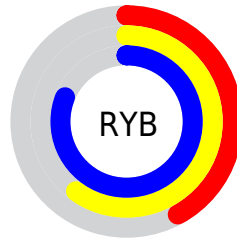
The Hex color **6BBCCE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7D6B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A4F4FF**, and **2F8798** is the 20% darker color. If you saturate the color by 10%, you get **56B8CE**, and if you desaturate by 10%, it is **80C0CE**.

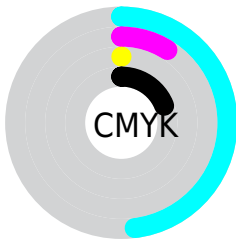
# Distribution



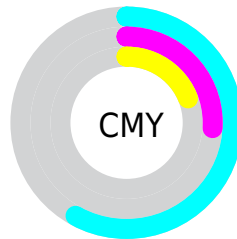
- Red (42%)
- Green (74%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (26%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BBCCE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6BBCCE by changing the saturation by 10% instead.



 6BBCCE

 6BBCCE

FFFFFF

 4EA1B2

 A4F4FF

 2F8798

 C1FFFF

 006D7E

 DEFFFF


 005565

 FCFFFF

 003D4D

 002736

 000F21

 000007

 000000

 6BBCCE

 6BBCCE

 56B8CE

 80C0CE

 42B5CE

 94C3CE

 2DB1CE

 A9C7CE

 19ADCE

 BDCBCE

 04A9CE

 D2CFCE

 00A9CE

 E7D2CE

 FBD6CE

 FFDACE

 FFDECE

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6FBEB8



6BBCCE



7EB7DC

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6BBCCE



D5A1C1



BAB181

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6BBCCE



CE7D6B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D0A984



6BBCCE



E09FA9

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6BBCCE



BEA7D5



DEA293



9FB88B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6BBCCE



93B2DF



DEA293



C2AF81

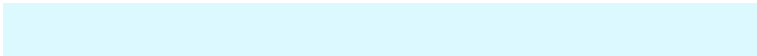


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6BBCCE



DBF9FF



6BCE7B



6A7C80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6BBCCE



6BE4FF



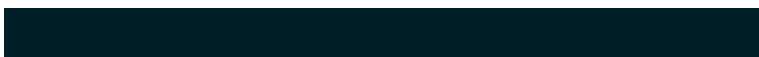
6B8CCE



5C6466



0088A6



001F26



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE6BBC



FF6BE4



CEAD6B



665C64



A60088

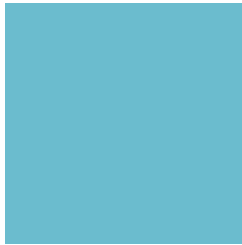


26001F



# Previews

## White Background



This preview shows how the Hex color 6BBCCE looks on a white background.

## Color Contrast Check

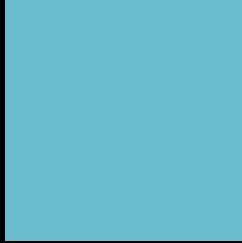
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6BBCCE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BBCCE Background



This preview shows how black text looks on a background with the Hex color 6BBCCE.

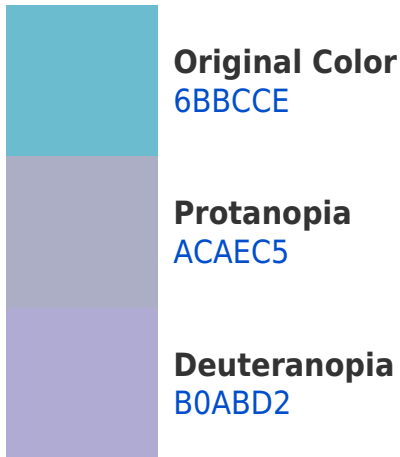


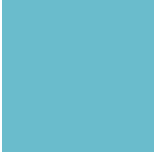
This preview shows how white text looks on a background with the Hex color 6BBCCE.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

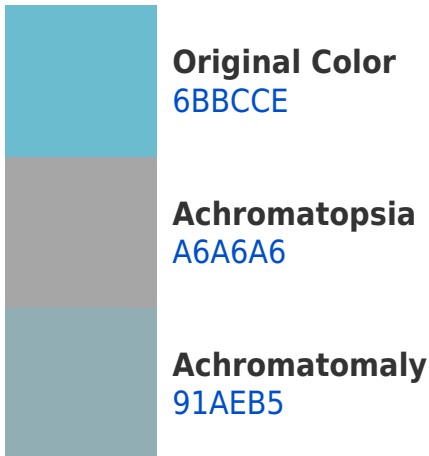




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BBCCE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6BBCCE looks like.

```
.text, #text, p{  
    color:#6BBCCE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6BBCCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBCCE
}
```

## Border

The CSS property to change the border of an element to Hex 6BBCCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BBCCE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6BBCCE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6BBCCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBCCE; -webkit-box-shadow:4px 4px  
4px 4px #6BBCCE; box-shadow:4px 4px 4px  
4px #6BBCCE }
```

# Background

The CSS property to change the background color of an element to Hex 6BBCCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBCCE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6BBCCE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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